

**Brick:** Programming, Scripting, & Markup Languages (High-level computer languages used for programming, scripting, and markup)

**Domain:** Application Development

**Effective Date:** September 27, 2013

Current	+ Two Years
<p><b>1. Baseline Technology (Approved &amp; supported for current usage.)</b></p> <ul style="list-style-type: none"><li>• .Net v3.5, 4, 4.5 (VB v9, 10, 11; C# v3, 4, 5, VSTO)</li><li>• HTML 5, SVG 1.x, CSS 3.x</li><li>• Java Standard Edition v7</li><li>• Java Enterprise Edition 7.x (including JSP)</li><li>• JavaScript 1.8.5 (including JSON, AJAX, etc.), MS Apps for Office</li><li>• MS Windows PowerShell 2.0</li><li>• Oracle PL/SQL 11g, SQL Loader</li><li>• Perl 5.16</li><li>• PHP 5.4.x</li><li>• Python 3.3.x</li><li>• Ruby 2.x</li><li>• Transact-SQL 2008 R2, SQL Server Integration Services 2008 R2</li><li>• UNIX Shells (bash, ksh)</li><li>• XML 1.1, XSLT 2.0, Xpath 2.0</li></ul>	<p><b>2. Mainstream Targets (Primary candidates for future deployment, subject to further review and acceptance by the CIO.)</b></p> <ul style="list-style-type: none"><li>• Transact-SQL 2012, SQL Server Integration Services 2012, MS Windows PowerShell 3.0 (expect to be ready Winter 2013-14)</li><li>• Descendants of Baseline Technology</li></ul>
<p><b>3. Retirement Targets (Exit ASAP.)</b></p> <ul style="list-style-type: none"><li>• Centura</li><li>• CICS</li><li>• Clipper</li><li>• dBase</li><li>• Lotus Approach</li><li>• Oracle SQL Plus 6i</li><li>• PL/1</li><li>• VB5</li><li>• Predecessors of the Baseline Technology, no longer supported by their vendors</li></ul>	<p><b>4. Containment Targets (Current usage approved. No further proliferation. Long-term exit plan. For waiver, follow Waiver Policy.)</b></p> <ul style="list-style-type: none"><li>• .Net v3 (VB v8, VBA, VBScript, C#v2)</li><li>• COBOL</li><li>• HTML 4</li><li>• Java versions previous to current State update</li><li>• MS DOS Batch</li><li>• Objective-C</li><li>• PowerBuilder</li><li>• Progress 4GL</li><li>• Predecessors of the Baseline Technology, still supported by their vendors</li></ul>
<p><b>5. Notes:</b></p> <ul style="list-style-type: none"><li>• Irrespective of the programming language underneath, all applications should be able to both generate and consume external SOAP interfaces.</li><li>• Leverage Google html5shiv in order to simulate HTML5 in IE8. The State will upgrade its browser following the W7 migration.</li></ul>	